

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. – 226. (Canceled)

227. (New) A library comprising a collection of genetic packages that display a member of a diverse family of peptides, polypeptides or proteins and that collectively display at least a portion of the family, the displayed peptides, polypeptides or proteins being encoded by DNA sequences comprising sequences encoding

(a) a VH CDR1 having an amino acid sequence according to the formula $-X_1-Y-X_2-M-X_3-$, wherein X_1 , X_2 , and X_3 are independently selected from the group consisting of A, D, E, F, G, H, I, K, L, M, N, P, Q, R, S, T, V, W, and Y, and

(b) a VH CDR2 having an amino acid sequence according to the formula $X_4-I-X_5-X_6-S-G-G-X_7-T-X_8-Y-A-D-S-V-K-G-$, wherein X_4 and X_5 are independently selected from the group consisting of Y, R, W, V, G, and S, X_6 is selected from the group consisting of P and S, and X_7 and X_8 are independently selected from the group consisting of A, D, E, F, G, H, I, K, L, M, N, P, Q, R, S, T, V, W, and Y.

228. (New) The library according to claim 227, wherein said DNA sequences further comprise a sequence encoding a VH CDR3.

229. (New) The library according to claim 228, wherein said VH CDR3 is a VH CDR3 captured from the CDR3 region of an immunoglobulin gene from a B cell.

230. (New) The library according to claim 229, wherein said DNA sequences further comprise a sequence encoding an immunoglobulin light chain.

231. (New) The library according to claim 229, wherein said sequence encoding an immunoglobulin light chain is captured from a B cell.

232. (New) The library according to claim 231, wherein said B cell is isolated from a blood sample from an autoimmune patient.

233. (New) The library according to claim 232, wherein the autoimmune patient is diagnosed with a disorder selected from the group consisting of systemic lupus erythematosus, systemic sclerosis, rheumatoid arthritis, antiphospholipid syndrome and vasculitis.

234. (New) The library according to claim 233, wherein said DNA sequences further comprise sequences encoding VH 3-23 framework regions.

235. (New) The library according to claim 234, wherein said genetic packages are M13 phage.

236. (New) The library according to claim 235, wherein said DNA sequences are in a phage vector.

237. (New) The library according to claim 236, wherein said phage comprises a wild-type gene iii and a truncated gene iii for display of the antibody.

238. (New) The library according to claim 235, wherein said DNA sequences are in a phagemid vector.

239. (New) The library according to claim 235, wherein said displayed peptides, polypeptides, or proteins are displayed through a short linker to the final portion of M13 gene III.

240. (New) The library according to claim 228, wherein said DNA sequences further comprise a sequence encoding an immunoglobulin light chain.

241. (New) The library according to claim 228, wherein said DNA sequences further comprise sequences encoding VH 3-23 framework regions.

242. (New) The library according to claim 228, wherein said genetic packages are M13 phage.

243. (New) The library according to claim 227, wherein said DNA sequences further comprise sequences encoding VH 3-23 framework regions.

244. (New) The library according to claim 227, wherein said genetic packages are M13 phage.

245. (New) The library according to claim 244, wherein said DNA sequences are in a phage vector.

246. (New) The library according to claim 244, wherein said DNA sequences are in a phagemid vector.

247. (New) The library according to claim 244, wherein said displayed peptides, polypeptides, or proteins are displayed through a short linker to the final portion of M13 gene III.

248. (New) The library according to claim 227, wherein said displayed peptides, polypeptides, or proteins are displayed through a short linker to the final portion of M13 gene III.